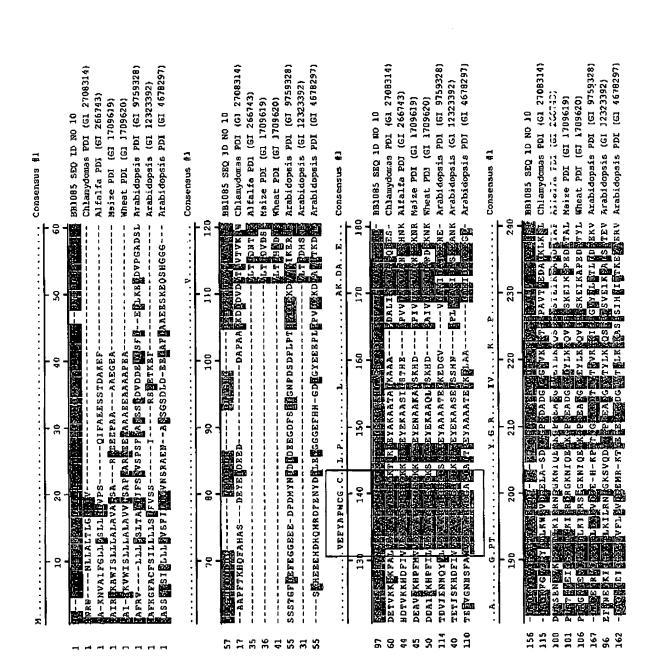
Appendix 1

Percent Identity

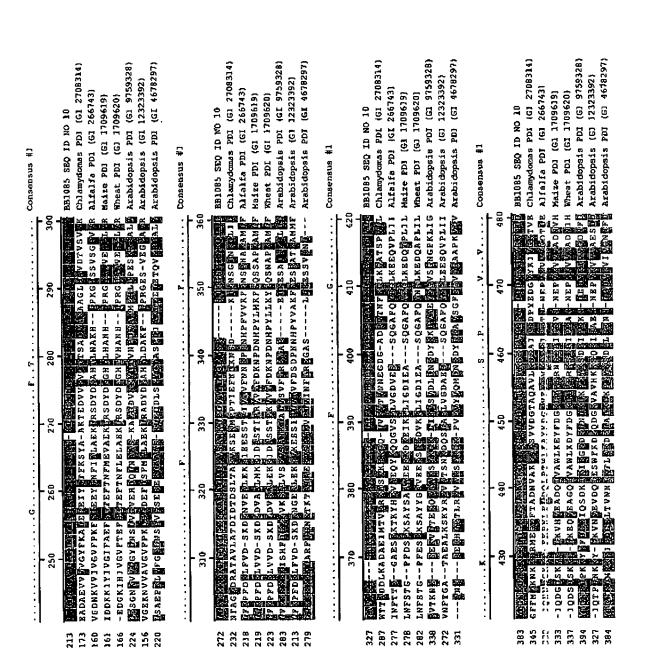
	BB-1085 SEQ ID NO:10	Chlamydomas PDI (GI 2708314)	Alfalfa PDI (GI 266743)	Maize PDI (GI 1709619)	Wheat PDI (GI 1709620)	Arabidopsis PDI (GI 9759328)	Arabidopsis PDI (GI 12323392)	Arabidopsis PDI (GI 4678297)	
	1	7	3	4	5	9	7	∞	
œ	47.9	31.8	20.9	21.4	22.5	52.1	24.2		8
7	25.6	25.2	65.0	55.1	53.1	27.2		145.0	7
9	51.4	34.8	26.4	25.0	25.4		132.7	658.7	9
32	24.9	24.9	60.2	77.8		140.5	629	158.9	ĸ
4	24.8	25.3	59.8		21.5	148.6	63.3	150.5	4
60	25.4	26.0		53.3	51.2	138.1	42.7	157.3	6
7	32.0		127.4	140.1	138.3	114.3	135.5	118.0	2
-		122.6	146.8	141.2	145.2	68.2	149.2	70.6	_
	-	7	60	4	5	9	7	æ	

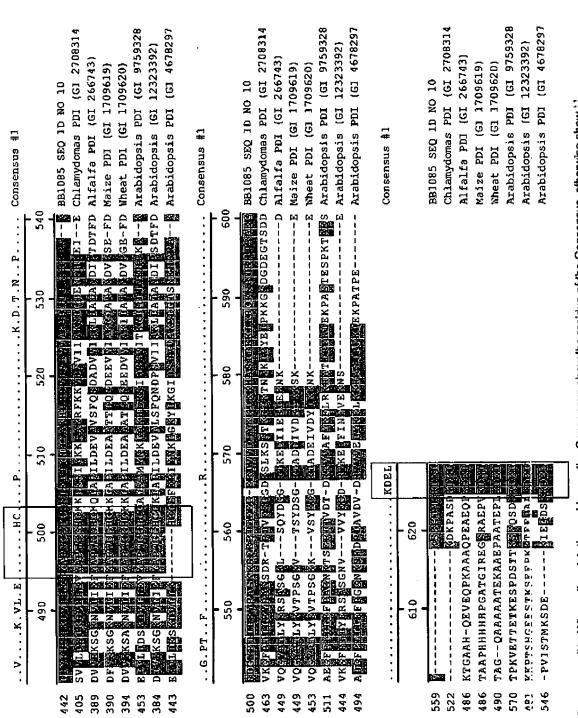
Divergence











Consensus #1: When all match the residue on the Consensus show the residue of the Consensus, otherwise show .

Shade (with black at 40% fill) residues that match BB1085 SEQ ID NO 10 exactly